

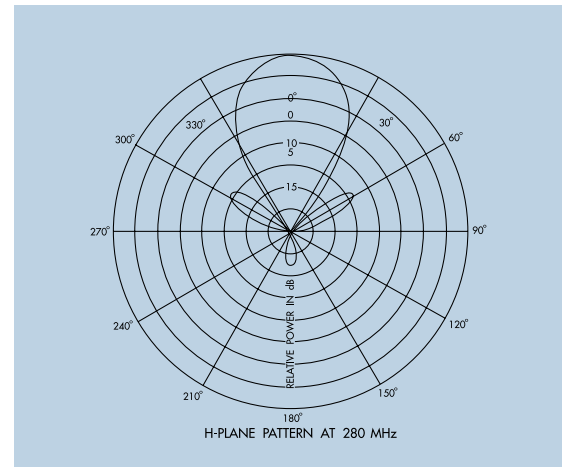
**PRODUCT
SPECIFICATIONS**



Bifilar Helical Antenna

ASC Signal Corporation's Bifilar Helical Antenna is widely used for satellite communications. This antenna is engineered to assemble rapidly and is rugged enough to survive in winds up to 115 mph without ice and 95 mph with 1/2 inch of ice.

This antenna is available in left hand or right hand circular polarizations with different mounting arrangements.



SPECIFICATIONS

Frequency Range	..... 245-315 MHz	Azimuth Adjustment	..... 360°	Size	Assembled Antenna Length	..... 122 in (3100 mm)
Gain, Nominal at 280 MHz	.. 12.5 dBic	Elevation Adjustment	..... 90°		Group Plane Diameter	..... 39 in (990 mm)
VSWR	..... 1.5 Maximum	Wind Survival, No Ice	..... 115 mph	Part Number (R.H. Circular Polarization)	..... 63305A-5	
Beamwidth	E-Plane ... 34°	Weight	Antenna	..... 34 lb (15.5 kg)	Part Number (L.H. Circular Polarization)	..... 63305A-6
	H-Plane ... 43°		Counterweight	..... 43 lb (19.5 kg)	NATO Stock Number	..... 5985-01-136-0180
Axial Ratio, Nominal	.... > 2 dB		Tilt Mount	..... 10 lb (4.5 kg)		
Input Connector	..... Type N (Female)		Tripod Assembly	.. 29 lb (13.2 kg)		